

Title (en)

STEERING APPARATUS AND STEERING CONTROLLER

Title (de)

LENKVORRICHTUNG UND LENKSTEUERUNG

Title (fr)

APPAREIL DE PILOTAGE ET DISPOSITIF DE COMMANDE DE DIRECTION

Publication

EP 3041752 B1 20180425 (EN)

Application

EP 14787250 A 20140903

Priority

- JP 2013183384 A 20130904
- IB 2014001686 W 20140903

Abstract (en)

[origin: WO2015033203A1] A controller of a steering apparatus includes a calculating unit that calculates a correction assistance quantity based on a steering angular velocity coefficient and a torque coefficient, a steering angular velocity coefficient setting unit that sets the steering angular velocity coefficient depending on a steering angular velocity and that sets the steering angular velocity coefficient to become larger as a feedback quantity of a negative feedback unit becomes larger, and a torque coefficient setting unit that sets the torque coefficient depending on a steering torque and that sets the torque coefficient to become larger as the feedback quantity of the negative feedback unit becomes larger. The feedback quantity of the torque coefficient setting unit when the steering torque is in a predetermined high-frequency range is larger than the feedback quantity of the steering angular velocity coefficient setting unit when the steering angular velocity is in a predetermined high-frequency range.

IPC 8 full level

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CPC (source: EP US)

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